PROJECT DESIGN

El MONTE UNION HIGH SCHOOL DISTRICT PAINT STABILIZATION PROJECT
El Monte Field Pump House and Electric Vault Building

Submittals:

Proof of Lead Trained Workers and Supervisors.

Proof of required Regulatory Agency notifications

Final closeout documentation within 10 days of project completion including employee sign-in sheets, employee physical certifications, work project logs, personal air sampling results and project work location schedule.

Lead Paint Stabilization Scope of Work

EL MONTE HIGH SCHOOL

Field Pump Shed

Paint stabilization work includes the blue painted wood facia and wood door of the building Pre-clean and remove all visible paint chips and dust from all surrounding horizontal surfaces such as dirt and grass. Install six mil polyethylene sheeting drops extending 10 feet around and beyond the shed to contain all dust and paint chips. Remove all wood facia, door and trim. Burrito wrap all removed components. Collect all waste, chips and dust from all building surfaces utilizing wet cleaning methods/HEPA vacuums and contain all waste on the polyethylene sheeting drop. remove from the site after appropriate testing for disposal.

Electrical Vault

Paint stabilization work includes the concrete walls and metal doors. Pre-clean and remove all visible paint chips and dust from all horizontal surfaces such as floors concrete walkways and surrounding ground. Install localized six mil polyethylene sheeting drops extending 10 feet beyond the area to be stabilized to contain all dust and paint chips. Use scrapers with light water mist to remove loose and peeling paint. Treat the stabilized surface with an approved lead blocker primer/sealer. Collect all waste utilizing wet cleaning methods/HEPA vacuums and remove from the site after appropriate testing for disposal.

Lead Work Specifications

PART 1 GENERAL

1.1 SCOPE-The purpose of this specification is to minimize lead exposure to El Monte Union School District, students, visitors and staff, during removal of building materials that contain lead.

1.2 DESCRIPTION OF WORK

1.2.1.1 The work specified herein shall be abatement of lead containing material by contract with persons knowledgeable, qualified, and certified in the removal, treatment, handling, and disposal of lead -containing material, and the subsequent cleaning of the affected environment, who comply with Federal and State Regulations which mandate work practices, and who are capable of performing the work of this contract.

1.2.1.2 The lead removal contractor shall supply all labor, materials, equipment, services, insurance, and incidentals which are necessary or required to perform the work in accordance with applicable governmental regulations and these specifications. Insurance includes automotive, general, environmental pollution and workers' compensation insurance.

1.3 TERMINOLOGY

1.3.1 Building Owner- The El Monte Union High School District.

1.3.2 Authorized Visitor- The building owner, Consultant, and any representative of a regulatory or another agency having jurisdiction over the project.

1.3.3 Abatement-Procedures to control lead release from lead-containing building materials.

1.3.4 Removal-All herein specified procedures necessary to remove lead containing materials from the designated areas and to dispose of these materials at an acceptable site.

1.3.7 Air Monitoring- The process of measuring the lead content of a specific volume of air in a stated period of time.

1.3.8 HEPA Vacuum Equipment- Vacuuming equipment with a HEPA filter system.

1.3.9 HEPA Filter- A high efficiency particulate absolute (HEPA) filter capable of trapping and retaining 99.97 percent of lead particles

1.3.10 Surfactant- A chemical wetting agent added to water to improve penetration.

1.3.11 Amended Water- Water to which a surfactant has been added.

1.3.12 Airlock- A system for permitting ingress and egress with minimum air movement between a contaminated area and an uncontaminated area.

1.3.13 Curtained doorway- A device to allow ingress or egress from one room to another while permitting minimal air movement between the rooms, typically constructed by placing two overlapping sheets of plastic over an existing or temporarily framed doorway, securing each along the top of the doorway, securing the vertical edge of one sheet along

one vertical side of the doorway, and securing the vertical side of the doorway.

1.3.14 Decontamination Enclosure System- A series of connected rooms, with curtain doorways between any two adjacent rooms, for the decontamination of workers and of materials and equipment. A decontamination enclosure system always contains at least one airlock.

1.3.15 Worker Decontamination Enclosure System- That portion of a decontamination enclosure system designed for controlled passage of workers, and other personnel and authorized visitors, typically consisting of a clean room, a shower room, and an equipment room.

1.3.16 Equipment Decontamination Enclosure- That portions of a decontamination enclosure system designed for controlled transfer of materials and equipment, typically, consisting of a washroom and a holding area.

1.3.17 Clean Room- An uncontaminated area or room which is a part of the worker decontamination enclosure with provisions for storage of workers' street clothes and protective equipment.

1.3.18 Shower Room- A room between the clean room and the equipment room in the worker decontamination enclosure with hot and cold or warm running water and suitable arranged for complete showering during decontamination. The shower room comprised an airlock between contaminated clothing and equipment.

1.3.20 Washroom- A room between the work area and the holding area in the equipment decontamination enclosure system. The washroom comprised an airlock.

1.3.21 Holding Area- A chamber in the equipment decontamination enclosure located between the washroom and an uncontaminated area. The holding area comprises an airlock.

1.3.22 Fixed Object- A unit of equipment or furniture in the work area which can be removed from the work area.

1.3.25 Wet Cleaning- The process of eliminating lead contamination from building surfaces and objects by using cloths, mops, or other cleaning tools which have been dampened with water, and by afterwards disposing of these cleaning tools as Lead contaminated waste.

1.3.26 Negative Air Pressure Equipment- A portable local exhaust system equipped with HEPA filtration and capable of maintaining a constant, low velocity air flow into contaminated areas from adjacent uncontaminated areas.

1.3.27 Plasticize- To cover floors and walls with plastic sheeting as herein specified.

1.3.28 Work Area- Designated rooms, spaces, or areas of the project in which actions are to be undertaken or which may become contaminated as a result of such abatement actions. A contained work area is a work area which has been sealed, plasticized, and equipped with a decontamination enclosure system. A non-contained work area is an isolated or controlled-access work area which has not been plasticized nor equipped with decontamination enclosure system.

1.3.29 Lead painted components containment Technique- Utilizing duct tape, spray poly or polyethylene sheets to contain loose and peeling paint prior to, during and after removal

1.3.30 Consultant/Air Sampling Professional-The professional contracted or employed to supervise air monitoring and analysis schemes. This individual is also responsible for recognition of technical deficiencies in worker protection equipment and procedures during both planning and on-site phases of an abatement project. This individual should have specialized experience and training in air sampling for lead and complete the "NIOSH 582 Course".

1.3.31 Paint stabilization includes installation of localized six mil polyethylene sheeting drops under the area to be stabilized to contain all dust and pain chips; use of scrapers with light water mist to remove loose and peeling paint; treating the stabilized surface with an approved primer/sealer, and collecting all waste utilizing wet cleaning methods/HEPA vacuums and removing from the site for appropriate testing and disposal. Ambient air and surface dust wipe clearance testing may be conducted by the District's consultant.

1.4 APPLICABLE DOCUMENTS (References)-The current issue of each document shall govern. Where conflict among requirements or with these specifications exists, the more stringent requirements shall apply.

1.4.1 Regulations- Comply with applicable Federal, State, and local regulations.

1.4.1.2 Title 29, Code of Federal Regulations, Section 1910.1001. and Section 1926.1101. Occupational Safety and Health Administration (OSHA), US Department of Labor.

1.4.1.3 Title 40, Code of Federal Regulations, Part 61, Subparts A and B, National Emission Standards for Hazardous Air Pollutants. US Environmental Protection Agency (EPA).

1.4.1.4 South Coast Air Quality Management District

1.4.1.5 All State, County, and City codes and ordinances as applicable.

1.5 SUBMITTALS AND NOTICES

1.5.1 Prior to Commencement of Work

1.5.1.1 The Lead Abatement Contractor shall make required notifications to Cal OSHA as required

1.5.1.2 The Lead Abatement Contractor shall submit written notice to SCAQMD of proposed abatement work as required

1.5.1.3 Post caution signs in and around the work area to comply with regulations.

<1.5.1.4 Pasadena USD and the lead abatement contractor must agree on building and fixture condition prior to commencement of work.

1.5.1.5 Manufacturer's certification that vacuums, negative air pressure equipment, and other local exhaust ventilation equipment conform to ANSI 29.2-79 and SCAQMD requirements

1.6 PERSONNEL PROTECTION

1.6.1 Prior to commencement of work, the workers shall be instructed, and shall be knowledgeable, in emergency evacuation and evacuation procedures as needed prior to commencement of work.

1.6.2 All respiratory protection shall be provided to workers in conjunction with a respiratory protection program which shall meet the requirements of applicable regulations. This program shall be posted at the work site.

1.6.3 Provide workers with personally issued and marked respiratory equipment approved by The National Institute for

Occupational Safety and Health (NIOSH).

1.6.4 Respiratory protection shall be worn by all persons potentially exposed to lead from the initiation of the lead demolition project until all areas have been given clearance. Clearance shall be obtained by visual inspection and/ or dust wipes as needed.

1.6.4.1 All lead workers entering the Work Area after commencement of lead removal shall wear appropriate respirators. Respirators shall be required until gross lead containing materials removal and until the areas have passed clearance tests.

1.6.4.2 If required, compressed air systems shall be designed to provide air volumes and pressures to accommodate respirator manufacturer's specifications. The compressed air systems shall have a receiver of adequate capacity to allow escape of all respirator wearers from contaminated area in the event of compressor failure. Compressors must meet the requirements of 29 CFR 1910.134(d). Compressors must have an in-line carbon monoxide monitor, and periodic inspection of the carbon monoxide monitor must be evidenced. Documentation of adequacy of compressed air system/respiratory protection system must be retained on site. This documentation will include a list of compatible components with the maximum number and type of respirators that may be used with the system. Periodic testing of compressed air shall insure that systems provide air of sufficient quality.

1.6.4.3 The minimum type of respiratory protection to be used for protection from lead during work in areas other than 1.6.4.1 is the Negative Air Purifying Respirator with High Efficiency (HEPA) Filtration.

1.6.4.4 Provide authorized visitors with suitable respirators and respiratory training whenever they are required to enter the work area to a maximum of 4 per day.

1.6.5 Provide workers with sufficient sets of protective full body clothing. Such clothing shall consist of full body coveralls and headgear. Provide eye protection and hard hats as required by applicable safety Regulations. Disposable type protection clothing, headgear, and footwear may be provided.

1.6.6 Provide authorized visitors with suitable protective clothing, headgear, eye protection, and footwear, as described in Section 1.6.4, whenever they are required to enter the work area, to a minimum of 4 sets per shift.

1.6.7 Provide and post, in the Equipment Room and the Clean Room, the decontamination and work procedures to be followed by workers, as described in Section 1.6.8 of these specifications.

1.6.8 Worker Protection Procedures

1.6.8.1 When practicable, each worker and authorized visitor shall, upon entering the job sites: remove street clothes in the clean changed room and put on a respirator and clean protective clothing before entering the Equipment Room or Work Area.

1.6.8.2 All workers and authorized visitors shall, each time they leave the Work Area: remove gross contamination from clothing before leaving the Work Area; proceed to the Equipment Room and remove all clothing except respirators; still wearing respirator proceed naked to the showers; clean the outside of the respirator with soap and water while showering; remove the respirator; thoroughly shampoo and wash themselves.

1.6.8.3 Following showering and drying off, each worker and authorized visitor shall proceed directly to the clean change room and dress in clean clothes at the end of each day's work, or before eating, smoking, or drinking. Before reentering the Work Area from the clean changed room, each worker and authorized visitor shall put on a clean respirator and shall dress in clean protective clothing.

1.6.8.4 Contaminated work footwear shall be stored in the Equipment Room when not in use in the Work Area. Upon completion of Lead abatement, dispose of footwear as contaminated waste.

1.6.8.5 Workers removing waste containers from the Equipment Decontamination Enclosure shall enter the Holding Area from outside wearing a respirator and dressed in clean disposable coveralls. No worker shall use this system as a means to leave or enter the Washroom or the Work Area.

1.6.8.6 Workers shall not eat, drink, smoke, or chew gum or tobacco while in the Work Area.

1.7 EQUIPMENT REMOVAL PROCEDURES

1.7.1 Clean surfaces of contaminated containers and equipment thoroughly by wet sponging or wiping before moving such items into the Equipment Decontamination Enclosure System Washroom for final cleaning and removal to uncontaminated areas. Ensure that personnel do not leave the Work Area through the Equipment Decontamination Enclosure.

1.8 BUILDING PROTECTION

PART 2-MATERIALS AND EQUIPMENT

2.1 MATERIALS

2.1.1 Deliver all materials in the original packages, containers, or bundles bearing the name of the manufacturer and the brand name.

2.1.1.2 Store all materials subject to damage off the ground away from wet or damp surfaces, and under cover sufficient to prevent damage or contamination.

2.1.1.3 Damaged or deteriorating materials shall not be used and shall be removed from the premises and properly disposed of.

2.1.2 Plastic (polyethylene) sheet, of 4-mil thickness or greater as specified, in sized to minimize the frequency of joints.

2.1.3 Tape- capable of sealing joints of adjacent sheets of plastic sheets and for attachment of plastic sheet to finished or unfinished surfaces of dissimilar materials and capable of adhering under both dry and wet conditions, including use of amended water.

2.1.4 Surfactant (wetting agent)- shall consist of 50 percent polyoxyethylene ether and 50 percent of polyoxyethylene polyglycol ester, or equivalent, and shall be mixed with water to provide a concentration of one once surfactant to 5 gallons of water or as directed by manufacturer.

2.1.5 Impermeable containers- suitable to receive and retain any lead-containing or contaminated materials until disposal at an acceptable disposal site. (The containers shall be labeled in accordance with OSHA Regulation 29 CFR 1910.1200(f)). Containers must be both air and watertight and allow for view of the contents

2.1.6 Warning labels and signs- as required by OSHA Regulation 29 CFR 1926.1101(k)(7)(iii).

2.1.8 Spray or trowel applied fire resistant materials- ULI labeled and listed Lead-free (mineral/fiber) (cementitious) material to provide the degree of fire protection required by the applicable building code.

2.1.9 Spray or trowel-applied thermal or acoustical insulation material used for patching or replacement must provide

performance characteristics equivalent to or better than original material.

2.2 TOOLS AND EQUIPMENT (As applicable)

2.2.1 Provide suitable tools for lead abatement.

2.2.1.1 Negative air pressure equipment- High efficiency particulate absolute (HEPA) filtration systems shall be equipped with filtration equipment in compliance with ANSI 29.2-79, local exhaust ventilation. No air movement system or air filtering equipment shall discharge unfiltered air outside the Work Area.

PART 3 EXECUTION

3.1 PREPARATION

3.1.1 Work Areas: (As applicable)

3.1.1.1 Shut down and tag out electric power and natural gas prior to working on any affected equipment. If required, provide temporary power and lighting and ensure safe installation of temporary power sources and equipment per applicable electrical code requirements.

3.1.1.2 Shut down and isolate heating, cooling, and ventilating air systems to prevent contamination and fiber dispersal to other areas of the structure. During the work, vents within the Work Area shall be sealed with tape and plastic sheeting.

3.1.1.3 Pre-clean movable objects within the proposed work areas using HEPA vacuum equipment and/or wet cleaning methods as appropriate, and remove such objects from work areas to a temporary location. Where scheduled to be removed, carpeting shall be disposed of as contaminated material.

3.1.1.4 Pre-clean fixed objects within the proposed work areas, using HEPA vacuum equipment and/or wet cleaning methods as appropriate, and enclose within minimum 4 mil plastic sheeting sealed with tape.

3.1.1.5 Clean the proposed work areas using HEPA vacuum equipment or wet cleaning methods as appropriate. Do not use methods that raise dust, such as dry sweeping or vacuuming with equipment not equipped with HEPA filters.

3.1.1.6 Seal off all openings, including but not limited to windows, corridors, doorways, skylights, ducts, grills, diffusers, and any other penetrations of the work areas, with plastic sheeting (minimum of 4 mils thick) sealed with tape. Doorways and corridors which will not be used for passage during work, must be sealed with barriers as described in 3.1.2.4.

3.1.1.7 Depending on project requirements, cover floor and wall surfaces with plastic sheeting sealed with tape. Use a minimum of two layers of 6 mil plastic on floors and two layers of 4 mil plastic on walls. Cover floors first so that plastic extends at least 12 inches up on walls, then cover walls with plastic sheeting to the floor level, thus overlapping the floor material by a minimum of 12 inches.

3.1.1.8 Provide airlocks at entrances to and exits from the work areas.

3.1.1.9 Remove and clean ceiling mounted objects, such as lights and other items not previously sealed off, that interfere with lead work. Use handheld water spraying or HEPA vacuum equipment during fixture removal to reduce dust dispersal. See paragraph for work by other trades.

3.1.1.10 Maintain emergency and fire exits from the work areas, or establish alternative exits satisfactory to fire officials.

3.1.1.11 When applicable, after preparation of work areas and decontamination enclosure systems, remove ceiling (panels and tiles) within the work areas progressively and carefully, (clean using HEPA vacuum equipment and damp sponge and wrap clean (panels and tiles) in 4 mil minimum thickness plastic and store in building as directed by building owner and dispose of as contaminated waste,

3.1.1.12 Where suspended ceiling suspension systems, such as T-grids, must be removed to expose and make work areas accessible, clean T-grid using wet methods, disconnect grid from hangers, wrap cleaned grid members in 4 mil. minimum thickness plastic and store as directed by building owner or dispose of T-grid members as contaminated waste.

3.1.1.13 Where removal of suspended ceiling grid suspension systems is not required for work area accessibility, leave the grid system in place and, upon completion of the abatement work, clean the grid system as specified in 3.5.

3.1.1.14 After preparation of work areas and decontamination enclosure systems, remove plaster ceilings, including lath, furring channel system (grid), wire ties, clips, screws, and other accessory items and dispose of as contaminated waste. Spray ceiling debris and the immediate work area with amended water to reduce dust as the work progresses.

3.1.2 Decontamination Enclosure systems:

3.1.2.1.1 Build suitable framing as described herein and approved by the architect at shop drawing submittal stage. Portable prefab units, if utilized, must be submitted for review and approval by the architect before start of construction. Submittal shall include, but not be limited to, a floor plan layout complying with schematic layout bound herein, showing dimensions, materials, sizes, thickness, plumbing, and electrical outlets, etc.

3.1.2.1.2 In all cases access between contaminated and uncontaminated rooms or areas shall be through an airlock as described in Section 1.3. In all cases, access between any two rooms within the decontamination enclosure systems shall be through a curtained doorway.

3.1.2.2 Worker Decontamination Enclosure: As required, construct a workers decontamination enclosure system contiguous to the work area consisting of three totally enclosed chambers to conform as follows.

3.1.2.2.1 An Equipment Room with two curtained doorways, one to the work area and one to the shower rooms.

3.1.2.2.2 A Shower Room with two curtained doorways, one to the equipment room and one to the clean room. The Shower Room shall contain at least one shower with hot and cold or warm water. Careful attention shall be paid to the shower enclosure to ensure against leaking of any kind. Ensure a supply of soap and disposable towels at all times in the shower room.

3.1.2.2.3 A Clean Room with one curtained doorway into the shower and one entrance or exit to non-contaminated areas of the building. The Clean Room shall have sufficient space for storage of the worker's street clothes, towels, and other non-contaminated items. Joint use of this space for other functions, such as offices, storage of equipment, materials, or tools, shall be prohibited.

3.1.2.3 Equipment Decontamination Enclosure: Provide or construct an Equipment Decontamination Enclosure system consisting of two totally enclosed chambers as follows:

3.1.2.3.1 A Washroom, constituting an airlock, with a curtained doorway to a designated staging area of the Work Area and a curtained doorway to the holding area.

3.1.2.3.1 A Holding Area, constituting an airlock, with a curtained doorway to the Washroom, and a curtained doorway to an uncontaminated area.

3.1.2.4 Separation of work areas from occupied areas.

3.1.2.4.1 Separate parts of the building required to remain in use from parts of the building that will undergo Lead abatement by means of airtight barriers, constructed as follows:

3.1.2.4.1 Build suitable wood or metal framing and apply 3/8" minimum thickness sheathing on work side only unless noted otherwise.

3.1.2.4.1.2 Cover both sides of partition with double layer of plastic sheet with joints staggered and sealed with tape. Edges of partition at floor, walls, and ceiling shall be caulked airtight.

3.1.2.5 Maintenance of Enclosure systems:

3.1.2.5.1 Ensure that barriers and plastic linings are effectively sealed and taped. Repair damaged barriers and remedy defects immediately upon discovery.

3.1.2.5.2 Visually inspect enclosures at the beginning of each work period.

3.1.2.5.3 Use smoke methods to test effectiveness of barriers when directed by architect/engineer/consultant.

3.1.2.6 Lead abatement work shall not commence until:

3.1.2.6.1 Arrangements have been made for disposal of waste at an acceptable site.

3.1.2.6.2 Work Areas and decontaminated enclosure systems and parts of the building required to remain in use are effectively segregated.

3.1.2.6.3 Tools, equipment, and material waste receptors are on hand.

3.1.2.6.4 Arrangements have been made for building security.

3.1.2.6.5 All other preparatory steps have been taken and applicable notices posted and permits obtained.

3.1.2.6.6 All worker training has been completed and documentation is on site.

3.1.2.6.7 Abatement work will not begin until the consultant has authorized work to commence.

3.2 LEAD REMOVAL

3.2.1 Prepare site (see section 3.1)

3.2.2 Spray lead material with water, using spray equipment capable of providing a "mist" application to reduce the release of particles. Mist the material sufficiently to wet it without causing excess dripping. Spray the lead material repeatedly during work process to maintain wet condition and to minimize lead dust dispersion.

3.2.3 In order to maintain indoor Lead concentrations at a minimum, the misted lead materials must be removed in manageable sections. Material shall not be allowed to dry out.

3.2.4 Seal filled containers. Place caution labels on containers in accordance with OSHA Regulation if not already preprinted on containers. Clean external surfaces of containers thoroughly by wet sponging in the designated area. Move containers to the washroom, wet clean each container thoroughly, and move to holding area pending removal to uncontaminated areas. Ensure that containers are removed from the holding area by workers who have entered from uncontaminated areas dressed in clean coveralls. Ensure that workers do not enter from uncontaminated areas into

the washroom or the work area; ensure that contaminated workers do not exit the work area through the Equipment Decontamination Enclosure System.

3.2.5 After completion of lead work, all surfaces from which lead has been removed shall be wet brushed and sponged or cleaned by an equivalent method to remove all visible material. During this work, the surfaces being cleaned shall be kept wet.

3.2.6 After substrate is dry and is visibly free of lead materials and before plastic sheeting is removed, conduct several cycles of HEPA vacuuming alternating with wet wiping until surfaces are below acceptable levels of lead dust contamination.

3.2.7 Clean up shall be in accordance with Section 3.5.

2.3.8 If at any time during the removal air testing or visual inspections indicate contamination of areas outside the work area, immediate steps shall be taken by the contractor to decontaminate these areas. Unprotected individuals shall be prohibited from entering contaminated areas until air sampling and visual inspections certify decontamination.

CLEANUP

Remove visible accumulations of lead material and debris. Wet clean all surfaces within the work area.

Remove the cleaned outer layer of plastic from walls and floors. The windows, doors, and HVAC vents shall remain sealed and any HEPA filtration negative air pressure systems and decontamination enclosure systems shall remain in service.

After cleaning the work area, wait at least 2 hours to allow for the settlement of dust, and again wet clean or clean with HEPA vacuum equipment all surfaces in the work area. After completion of the second cleaning operation, perform a complete visual inspection of the work area to ensure that the work area is free of contamination.

Sealed drums and all equipment used in the work area shall be included in the cleanup and shall be removed from work areas, via the Equipment Decontamination Enclosure at an appropriate time in the cleaning sequence.

If the building owner finds visible accumulations of dust in the work area, the contractor shall repeat the wet cleaning until the work area is in compliance, at the contractor's expense.

INITIAL CLEARANCE TESTING

Upon notice from contractor that work areas and all other contaminated and cleaned areas area ready for initial clearance testing. The Consultant shall test for the Standard of Cleaning
Areas which do not comply with the Standard for Cleaning for Initial Clearance shall continue to be cleaned by and at the contractor's expense until the specified Standard of Cleaning is achieved as evidenced by results of dust/ contamination testing as previously specified.

After initial clearance, the final layer of plastic may be removed by workers with proper respiratory protection. However, controls established in 3.1.1.6 may not be removed at this point.

RE-ESTABLISHMENT OF OBJECTS AND SYSTEMS

When cleanup is complete.

Relocate objects moved to temporary locations in the course of the work to their proper positions.

Re-secure HVAC, mechanical, and electrical systems in proper working order. Install new filters and disposal of used filters as contaminated waste.

DISPOSAL OF LEAD-CONTAINING MATERIALS AND LEAD-CONTAMINATED WASTE

As the work progresses and to prevent exceeding available storage capacity on site, remove sealed and labeled containers of lead waste and dispose of such containers at an authorized disposal site in accordance with the requirements of disposal authority. Submit documentation regarding disposal to building owner.

Sealed plastic bags must be dumped in the burial site unless the bags have been broken or damaged. Damaged bags must remain in the sealed drum and the entire contaminated drum must be buried or incinerated. Uncontaminated drums may be recycled. Workers handling waste materials shall wear appropriate protective clothing and respirators.

All wastewater shall be filtered and disposed of in a manner acceptable with all regulations

AIR MONITORING, CLEARANCE DUST WIPE TESTING AND ANALYSIS

The Contractor is responsible for personal air monitoring and visual inspections of the any Shower Area, Clean Room, adjacent air locks and any areas surrounding the work area that may become contaminated by lead debris. The Consultant shall also be responsible for clearance dust wipe testing. Results of the final clearance testing shall be submitted to the El Monte Union High School District.

Should the work area fail to meet the standard criteria for clearance, the area shall be re-cleaned and tests conducted until clearance has been achieved.

Air sampling analysis must be performed by individuals suitably trained.

Sample analysis shall be conducted by a non-biased laboratory proficient in Lead analyses with an ELLAP, and CDPH accreditation.

ARROYO HIGH SCHOOL

PAINT TESTING RESULTS (4921 N. CEDAR AVENUE ELMONTE CA 91732) 10/10/2016

Exterior Data

No.	Room	Location	Component Type	Condition	Lead Content	Results
1	Calibration Check				0.9	Positive
2	Calibration Check				1.0	Positive
3	Calibration Check				1.0	Positive
	Admin Bldg					
4	West Walkway	All	Brown Roof Flashing	Deteriorated	0	Negative
5	West Walkway	All	White Wood Ceiling	Deteriorated	1.2	Positive
6	West Walkway	All	White Wood Fascia	Deteriorated	1.4	Positive
7	West Walkway	All	White Wood Beams	Deteriorated	1.3	Positive
	Class Rm 1-8					
8	West Walkway	All	Brown Roof Flashing	Deteriorated	-0.01	Negative
9	West Walkway	All	White Wood Ceiling	Deteriorated	0.9	Positive
10	West Walkway	All	White Wood Fascia	Deteriorated	1.4	Positive
11	West Walkway	All	White Wood Beams	Deteriorated	1.2	Positive
12	West Walkway	All	Brown Metal Gutter	Deteriorated	0	Negative
13	West Walkway	All	White Metal downspout	Deteriorated	1.3	Positive
	Class Rm 10-19					
14	North Walkway	All	Brown Roof Flashing	Deteriorated	-0.1	Negative
15	North Walkway	All	White Wood Ceiling	Deteriorated	0.2	Negative
16	North Walkway	All	White Wood Fascia	Deteriorated	0.4	Negative
17	North Walkway	All	White Wood Beams	Deteriorated	0.2	Negative

No.	Room	Location	Component Type	Condition	Lead Content	Results
66	Exterior	All	White Wood Fascia	Deteriorated	0.1	Negative
67	Exterior	All	White Wood Beams	Deteriorated	0.1	Negative
	Bungalow 95-98					
68	Exterior	All	Brown Roof Flashing	Deteriorated	0	Negative
69	Exterior	All	White Wood Ceiling	Deteriorated	0.3	Negative
70	Exterior	All	White Wood Fascia	Deteriorated	0.1	Negative
71	Exterior	All	White Wood Beams	Deteriorated	0.1	Negative
	Maintenance					
72	Exterior	All	Brown Roof Flashing	Deteriorated	-0.01	Negative
73	**Exterior**	**All**	**White Wood Eaves**	**Deteriorated**	**1.2**	**Positive**
74	**Exterior**	**All**	**White Wood Fascia**	**Deteriorated**	**1.0**	**Positive**
75	**Exterior**	**All**	**White Wood Beams**	**Deteriorated**	**1.3**	**Positive**
76	**Calibration Check**				**1.0**	**Positive**
77	**Calibration Check**				**0.9**	**Positive**
78	**Calibration Check**				**1.0**	**Positive**